

Well Name: BLUE KRAIT 23-14 FED	Well Location: T24S / R33E / SEC 23 / SESW / 32.196533 / -103.543538	County or Parish/State: LEA / NM
Well Number: 27H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC063798	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546463	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2647565

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 12/07/2021

Time Sundry Submitted: 01:27

Date proposed operation will begin: 06/01/2022

Procedure Description: Devon Energy Production Company respectfully requests the following changes to the original APD: SHL move from 248 FSL & 2769 FEL to 248 FSL & 2507 FWL, both 23-24S-33E BHL move from 20 FNL & 1965 FWL to 20 FNL & 2050 FWL, both 14-24S-33E TVD/MD change from 10,484'/20,512' to 10,501'/20,870' Please see attached revised C-102 and drilling & directional plans

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

BLUE_KRAIT_23_14_FED_27H_C_102_SHL_NOI_20211207132630.pdf

Blue_Krait_23_14_Fed_27H_Directional_Plan_11_16_21_20211207132629.pdf

Blue_Krait_23_14_Fed_27H_20211207132629.pdf

Well Name: BLUE KRAITZ 23-14 FED

Well Location: T24S / R33E / SEC 23 /
SESW / 32.196533 / -103.543538**County or Parish/State:** LEA /
NM**Well Number:** 27H**Type of Well:** OIL WELL**Allottee or Tribe Name:****Lease Number:** NMLC063798**Unit or CA Name:****Unit or CA Number:****US Well Number:** 3002546463**Well Status:** Approved Application for
Permit to Drill**Operator:** DEVON ENERGY
PRODUCTION COMPANY LP

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: REBECCA DEAL**Signed on:** DEC 07, 2021 01:26 PM**Name:** DEVON ENERGY PRODUCTION COMPANY LP**Title:** Regulatory Compliance Professional**Street Address:** 333 West Sheridan Avenue**City:** Oklahoma City**State:** OK**Phone:** (405) 228-8429**Email address:** Rebecca.Deal@dvn.com

Field Representative

Representative Name:**Street Address:****City:****State:****Zip:****Phone:****Email address:**

BLM Point of Contact

BLM POC Name: Cody Layton**BLM POC Title:** Assistant Field Manager Lands & Minerals**BLM POC Phone:** 5752345959**BLM POC Email Address:** clayton@blm.gov**Disposition:** Approved**Disposition Date:** 12/20/2021**Signature:** Cody R. Layton

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-46463	Pool Code 96434	Pool Name RED HILLS; BONE SPRING, NORTH
Property Code 316705	Property Name BLUE KRAIT 23-14 FED	Well Number 27H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3557.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	23	24-S	33-E		248	SOUTH	2507	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	14	24-S	33-E		20	NORTH	2050	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

BLUE KRAIT 23-14 FED 27H
EL: 3557.1'
LAT: 32.196531
LON: 103.543538
N: 436129.65
E: 785644.38
FIRST TAKE POINT
100' FSL 2050' FWL SEC. 23
LAT: 32.196124
LON: 103.545016
N: 435978.31
E: 785188.32
LAST TAKE POINT
100' FNL 2050' FWL SEC. 14
LAT: 32.224584
LON: 103.545028
N: 446331.72
E: 785108.49
BOTTOM OF HOLE
LAT: 32.224804
LON: 103.545028
N: 446411.71
E: 785107.86

27H BHL
27H LTP

27H SHL
27H FTP

28H SHL
26H SHL

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal 12/7/2021
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MONTH/YEAR
Date of Survey

Signature & Seal of Professional Surveyor

B. L. LAMAN
NEW MEXICO
22404
PROFESSIONAL SURVEYOR

REV. 11/02/21

Certificate No. 22404 B.L. LAMAN
Date of Survey: 10/19/21 DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

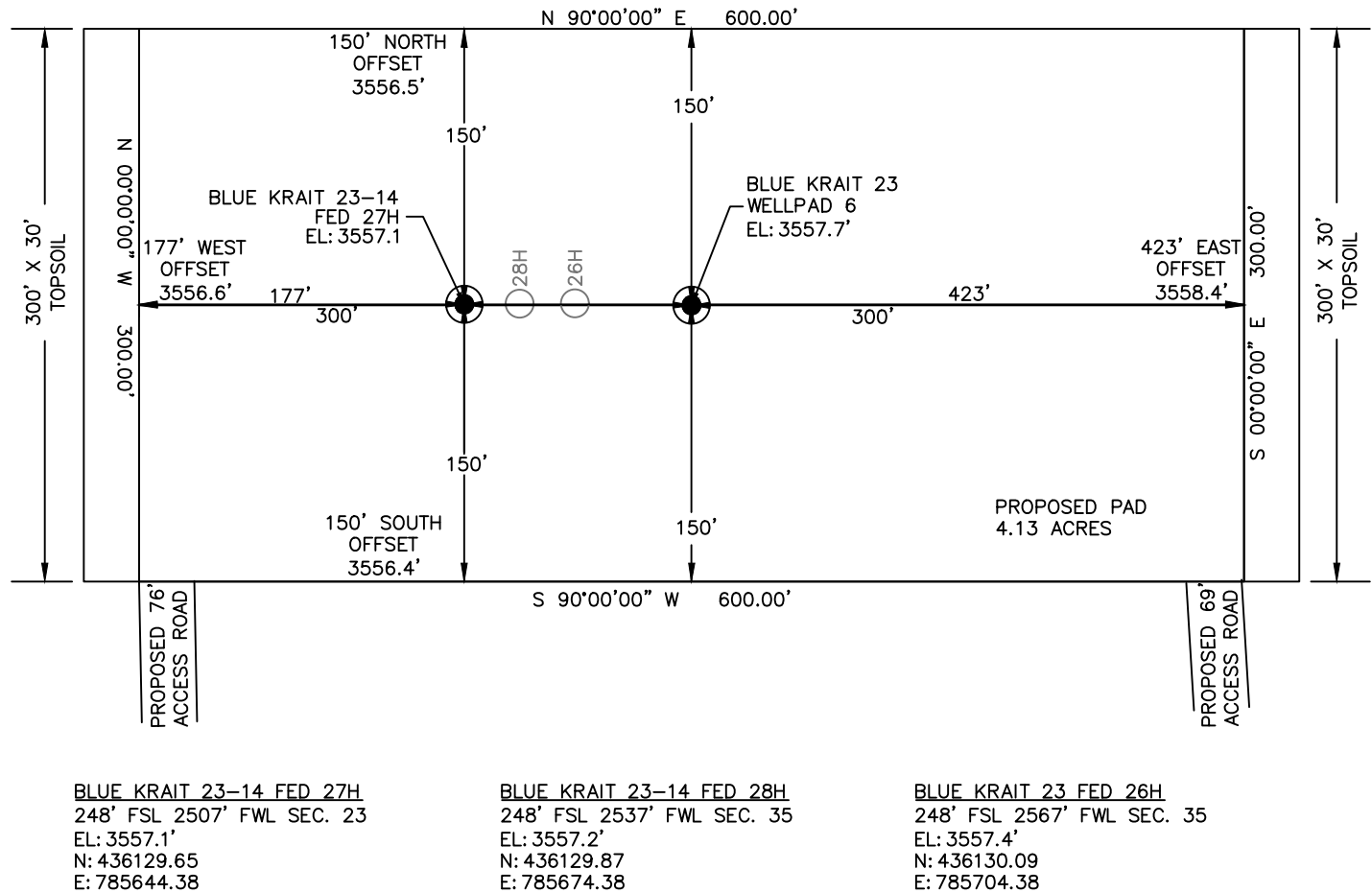
Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SITE MAP



Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

DEVON ENERGY PRODUCTION COMPANY, L.P.
BLUE KRAIT 23-14 FED 27H
LOCATED 248 FT. FROM THE SOUTH LINE
AND 2507 FT. FROM THE WEST LINE OF
SECTION 23, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF NM-128 AND VACA LN, HEAD SOUTH ON VACA LN FOR 1.13 MILES. TURN RIGHT AND HEAD WEST ON AN EXISTING ACCESS ROAD FOR 0.95 MILES TO THE POINT OF BEGINNING OF A PROPOSED ACCESS ROAD. TURN RIGHT AND HEAD NORTH FOR 69' TO THE SOUTHEAST CORNER OF THE BLUE KRAIT 23 WELLPAD 6.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

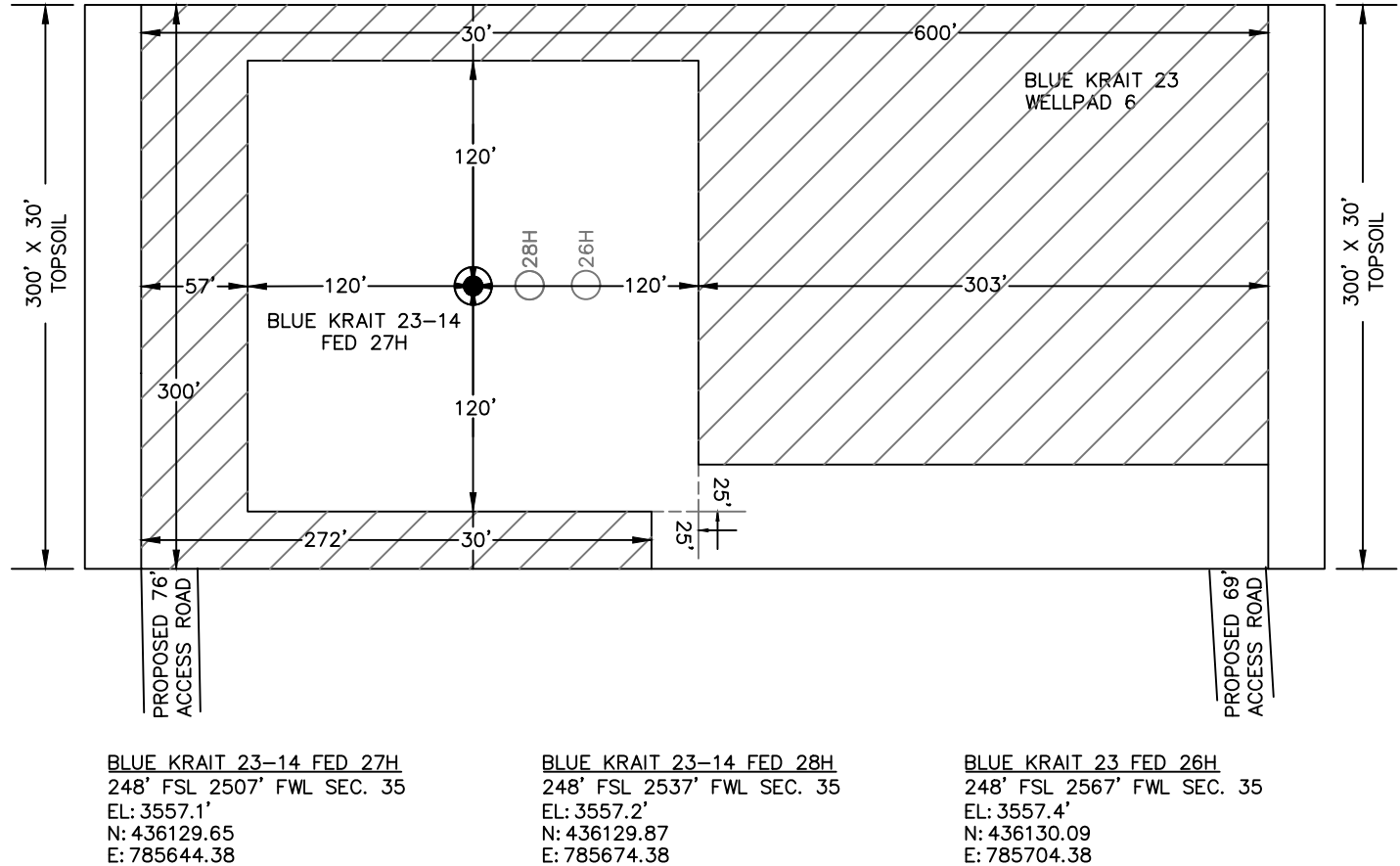
Drawn by:
CHRIS MAAS

Date: 11/29/2018
Rev: 10/25/2021

Drawn for:



SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
INTERIM SITE BUILD PLAN



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLUE KRAIT 23-14 FED 27H
LOCATED 248 FT. FROM THE SOUTH LINE
AND 2507 FT. FROM THE WEST LINE OF
SECTION 23, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

DENOTES INTERIM PAD RECLAMATION AREA

2.40 ± ACRES INTERIM PAD RECLAMATION AREA

1.73 ± ACRES NON-RECLAIMED AREA

4.13 ± ACRES GRADING SITE RECLAMATION AREA



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 11/29/2018
Rev: 10/25/2021

Drawn for:

devon

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLUE KRAIT 23-14 FED 27H
LOCATED 248 FT. FROM THE SOUTH LINE
AND 2507 FT. FROM THE WEST LINE OF
SECTION 23, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF NM-128 AND VACA LN, HEAD SOUTH ON VACA LN FOR 1.13 MILES. TURN RIGHT AND HEAD WEST ON AN EXISTING ACCESS ROAD FOR 0.95 MILES TO THE POINT OF BEGINNING OF A PROPOSED ACCESS ROAD. TURN RIGHT AND HEAD NORTH FOR 69' TO THE SOUTHEAST CORNER OF THE BLUE KRAIT 23 WELLPAD 6.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

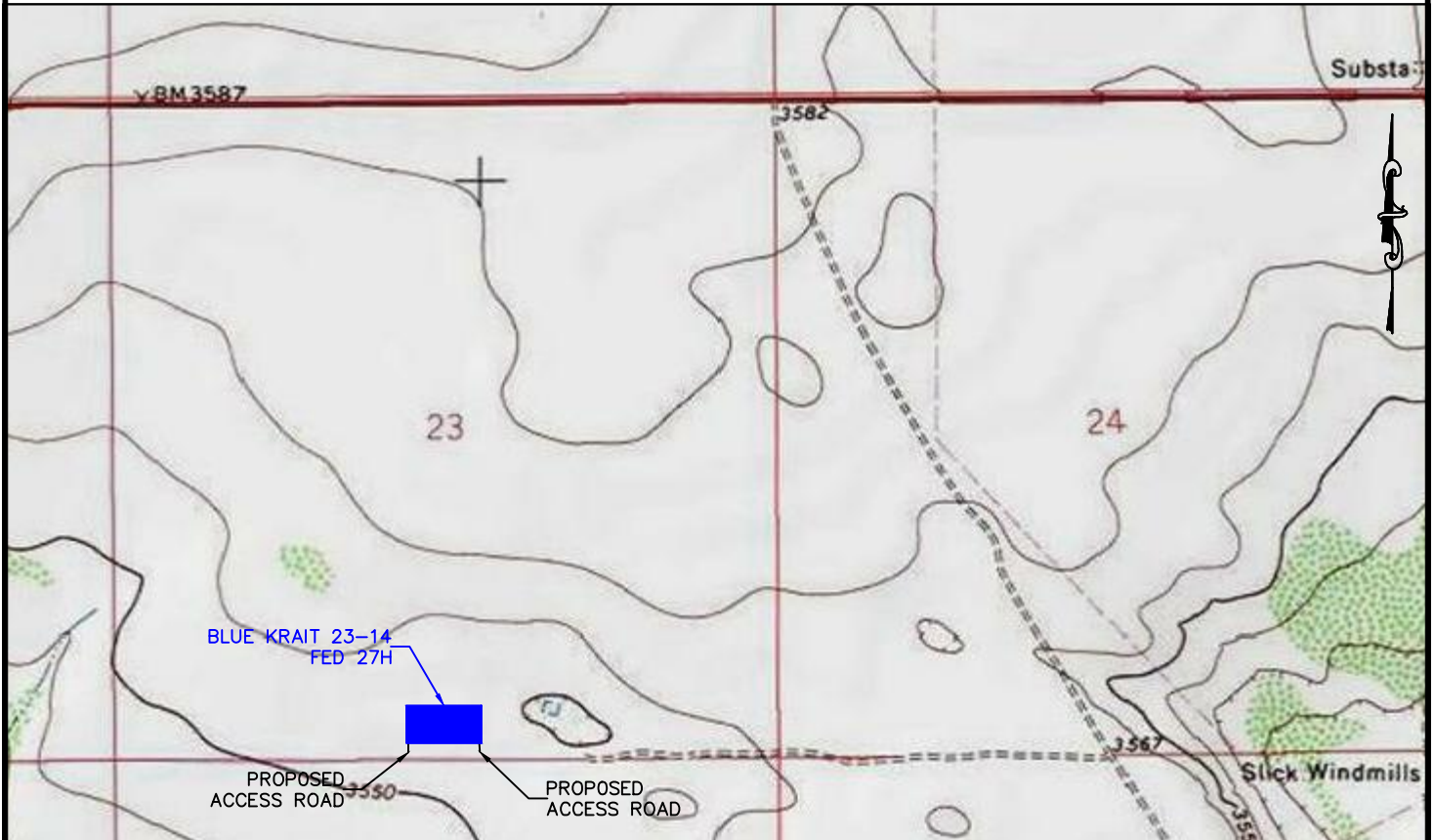
Drawn by:
CHRIS MAAS

Date: 11/29/2018
REV: 10/25/2021

Drawn for:

devon

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO
 LOCATION VERIFICATION MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
 BLUE KRAIT 23-14 FED 27H
 LOCATED 248 FT. FROM THE SOUTH LINE
 AND 2507 FT. FROM THE WEST LINE OF
 SECTION 23, TOWNSHIP 24 SOUTH,
 RANGE 33 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

0 1500 3000



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

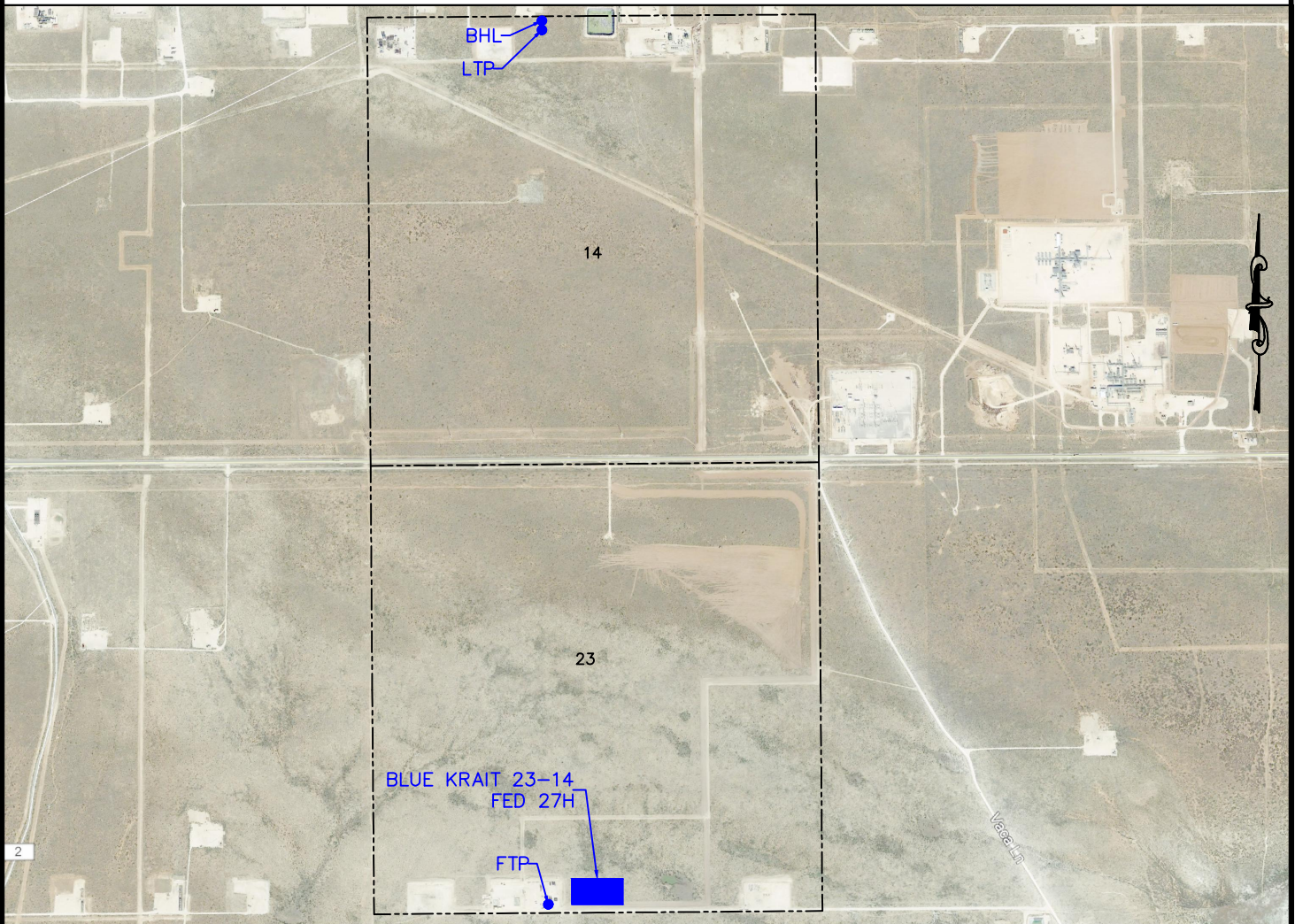
Drawn by:
CHRIS MAAS

Date: 11/29/2018
REV: 10/25/2021

Drawn for:

devon

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLUE KRAIT 23-14 FED 27H
LOCATED 248 FT. FROM THE SOUTH LINE
AND 2507 FT. FROM THE WEST LINE OF
SECTION 23, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

0 2000 4000



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

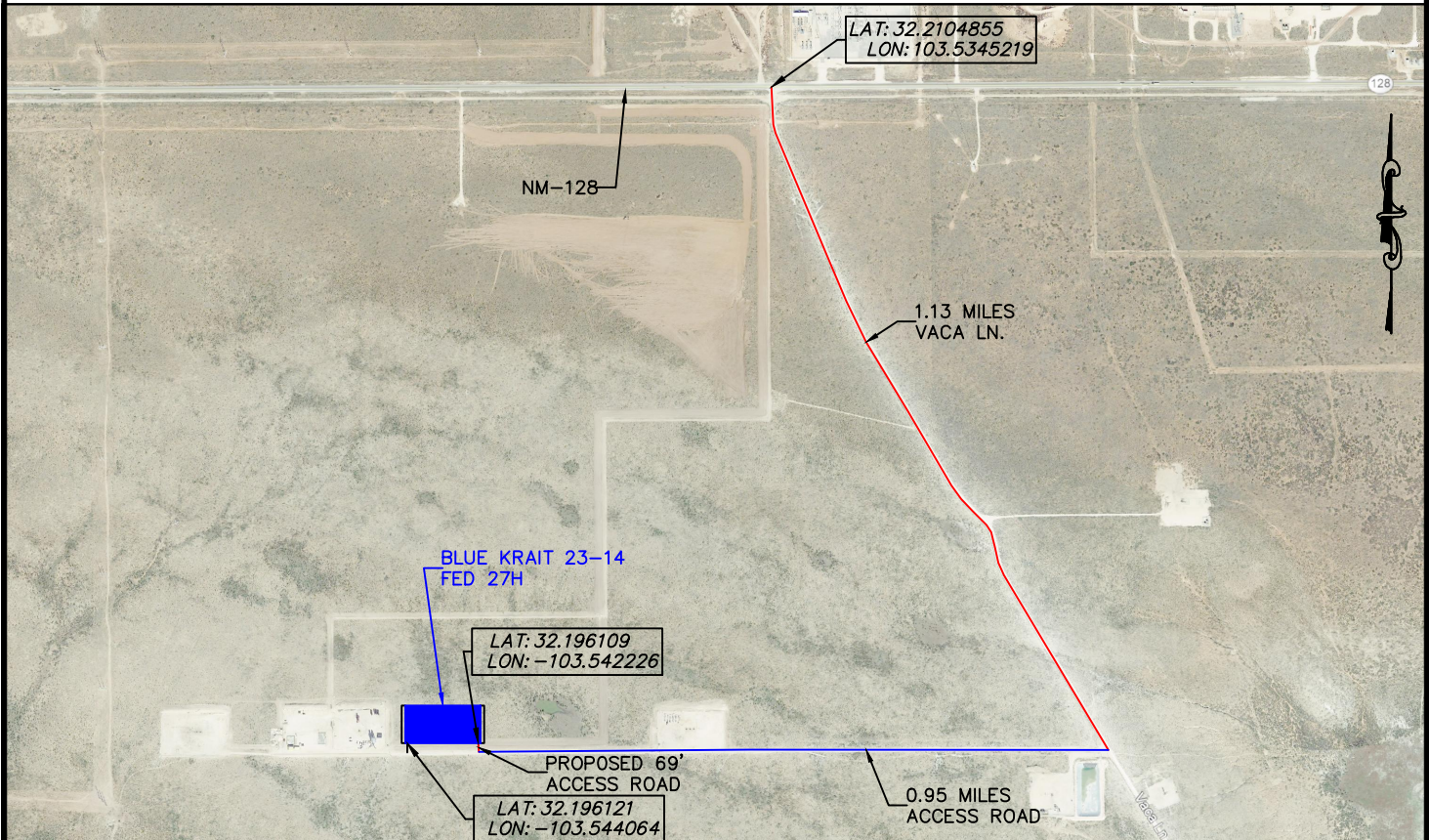
Drawn by:
CHRIS MAAS

Date: 11/29/2018
REV: 10/25/2021

Drawn for:

devon

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLUE KRAIT 23-14 FED 27H
LOCATED 248 FT. FROM THE SOUTH LINE
AND 2507 FT. FROM THE WEST LINE OF
SECTION 23, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

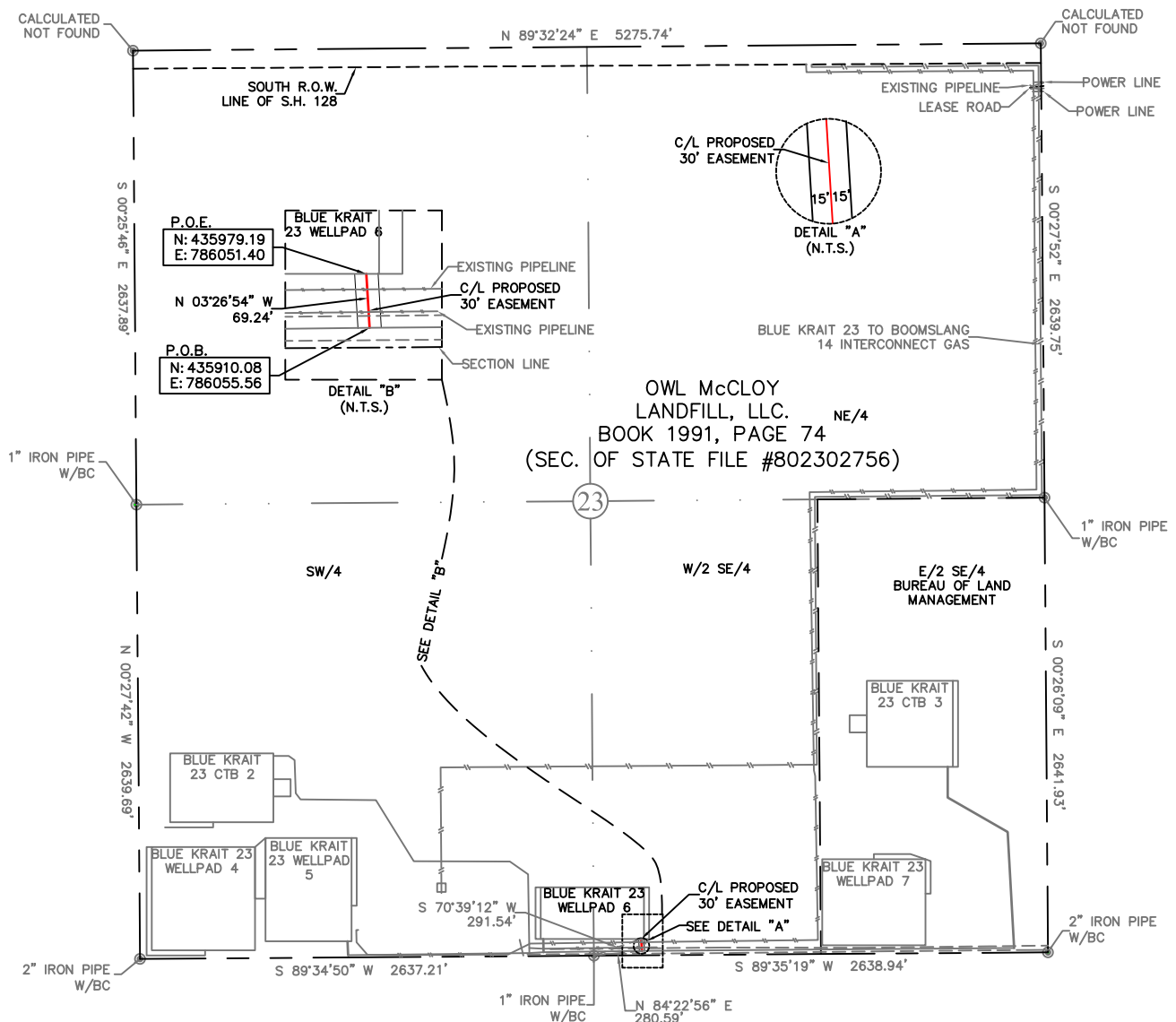
Drawn by:
CHRIS MAAS

Date: 11/29/2018
REV: 10/25/2021

Drawn for:

devon

EXHIBIT "A"
ACCESS ROAD PLAT
SECTION 23, T24S-R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



30' EASEMENT AREA = 0.048 ACRE(S)
69.24 FEET OR 4.20 RODS

SEE THE ATTACHED LEGAL DESCRIPTION

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

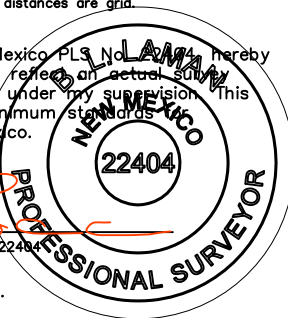
I, B.L. Laman, New Mexico Professional Surveyor No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

0+00.0 P.O.B./EXISTING ACCESS ROAD
0+15.2 EDGE OF ROAD
0+20.1 EXISTING PIPELINE
0+50.7 EXISTING PIPELINE
0+69.2 P.O.E./BLUE KRAIT 23 WELLPAD 8

0 1000 2000



B.L. Laman
Date Signed: 11-27-2018
Horizonrow, LLC
P.O. BOX 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizonrow, LLC



HORIZON ROW LLC

Drawn for:

devon

Drawn by:
CHRIS MAAS

Date: 11/25/2018

DEVON ENERGY PRODUCTION COMPANY, L.P.

BLUE KRAIT 23 WELLPAD 6
ACCESS ROAD EAST

PROPOSED 30' EASEMENT
ON THE PROPERTY OF
OWL MCCLOY LANDFILL, LLC
SECTION 23, T24S-R33E, N.M.P.M.

LINE NUMBER:
7610118R

WBS NUMBER:
XX-129903.01.SLC

SCALE:
1" = 1000'

REVISIONS:

DATE OF SURVEY:
8/20/18

**SECTION 23, T24S-R33E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD PLAT

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

OWL MCCLOY LANDFILL, LLC.

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the west half of the southeast quarter (W/2 SE ¼) of Section 23, Township 24 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the OWL McCloy Landfill, LLC, described in Book 1991, Page 74, Secretary of State File #802302756, of the deed records of Lea County, NM. Said centerline of easement being more particularly described as follows:

Commencing from a 1" iron pipe w/BC found for the south quarter corner of Section 23, T24S-R33E, N.M.P.M., Lea County, New Mexico;

Thence N 84°22'56" E, a distance of 280.59' to the **Point of Beginning** of this easement having coordinates of Northing=435910.08 feet, Easting=786055.56 feet and continuing the following course;

Thence N 03°26'54" W, a distance of 69.24' to the **Point of Ending** having coordinates of Northing=435979.19 feet, Easting=786051.40 feet, from said point a 1" iron pipe w/BC found for the south quarter corner of Section 23, T24S-R33E, N.M.P.M., Lea County, New Mexico bears S 70°39'12" W a distance of 291.54', covering **69.24' or 4.20 rods** and having an area of **0.048 acres**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404

Date Signed: 11/27/2018

Horizon Row, LLC

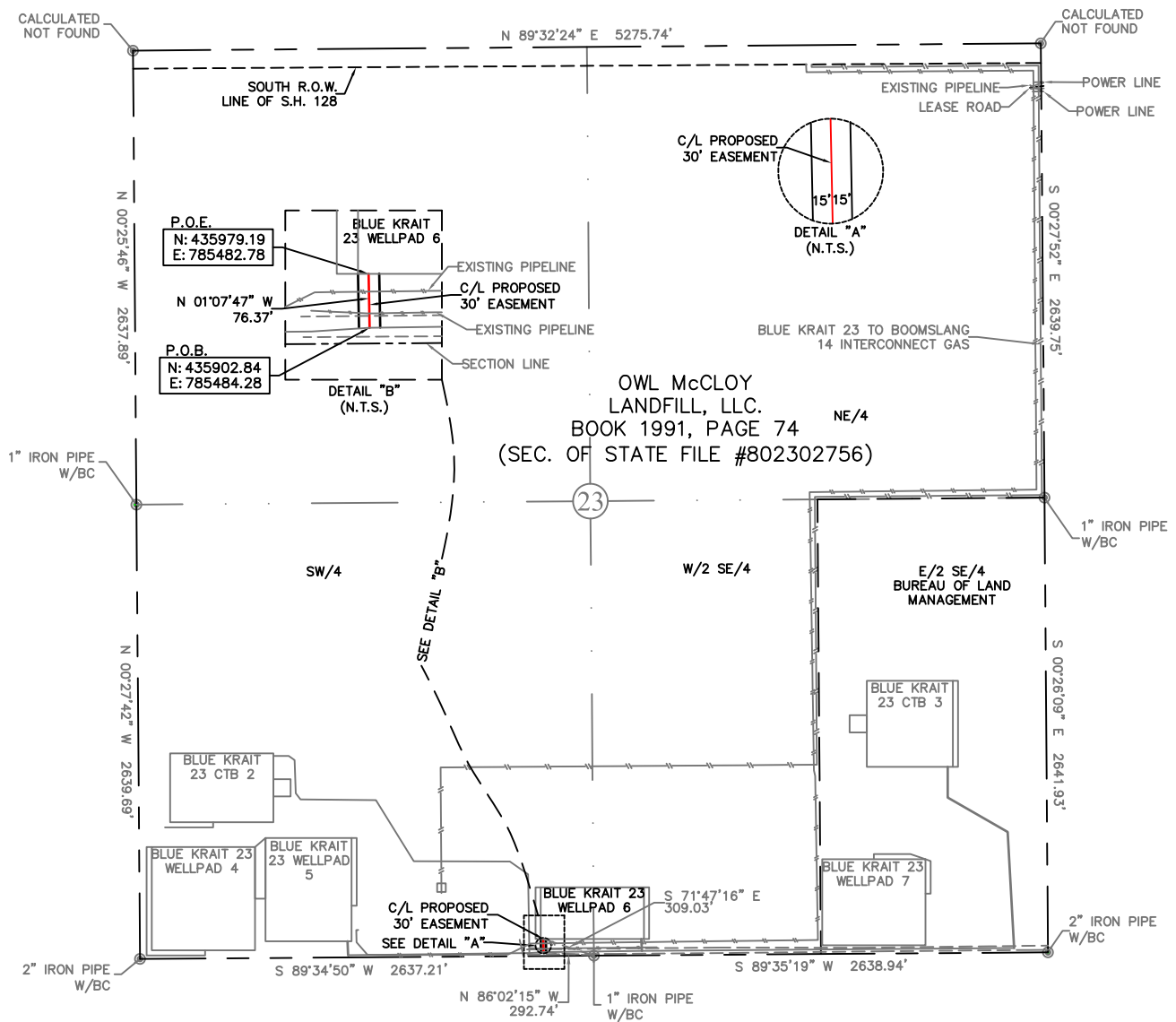
P.O. BOX 548, Dry Creek, La.

(903) 388-3045 70637

Employee of Horizon Row, LLC



EXHIBIT "A"
ACCESS ROAD PLAT
SECTION 23, T24S-R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



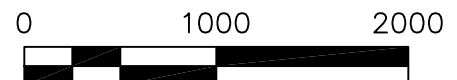
30' EASEMENT AREA = 0.053 ACRE(S)
76.37 FEET OR 4.63 RODS

SEE THE ATTACHED LEGAL DESCRIPTION

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico Professional Surveyor No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

0+00.0 P.O.B./EXISTING ACCESS ROAD
0+16.7 EDGE OF ROAD
0+20.3 EXISTING PIPELINE
0+51.9 EXISTING PIPELINE
0+76.4 P.O.E./BLUE KRAIT 23 WELLPAD 6



B.L. Laman PLS #22404
Date Signed: 11-27-2018
Horizonrow, LLC
P.O. BOX 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizonrow, LLC

HORIZON ROW LLC

Drawn for:

devon

Drawn by:
CHRIS MAAS

Date: 11/26/2018

DEVON ENERGY PRODUCTION COMPANY, L.P.

BLUE KRAIT 23 WELLPAD 6
ACCESS ROAD WEST

PROPOSED 30' EASEMENT

ON THE PROPERTY OF
OWL MCCLOY LANDFILL, LLC
SECTION 23, T24S-R33E, N.M.P.M.

LINE NUMBER:
7610118R

WBS NUMBER:
XX-129903.01.SLC

SCALE:
1" = 1000'

REVISIONS:

DATE OF SURVEY:
8/20/18

**SECTION 23, T24S-R33E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD PLAT

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

OWL MCCLOY LANDFILL, LLC.

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southwest quarter (SW ¼) of Section 23, Township 24 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the OWL McCloy Landfill, LLC, described in Book 1991, Page 74 Secretary of State File #802302756, of the deed records of Lea County, NM. Said centerline of easement being more particularly described as follows:

Commencing from a 1" iron pipe w/BC found for the south quarter corner of Section 23, T24S-R33E, N.M.P.M., Lea County, New Mexico;

Thence N 86°02'15" W, a distance of 292.74' to the **Point of Beginning** of this easement having coordinates of Northing=435902.84 feet, Easting=785484.28 feet and continuing the following course;

Thence N 01°07'47" W, a distance of 76.37' to the **Point of Ending** having coordinates of Northing=435979.19 feet, Easting=785482.78 feet, from said point a 1" iron pipe w/BC found for the south quarter corner of Section 23, T24S-R33E, N.M.P.M., Lea County, New Mexico bears S 71°47'16" E a distance of 309.03', covering **76.37' or 4.63 rods** and having an area of **0.053 acres**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404

Date Signed: 11/27/2018

Horizon Row, LLC

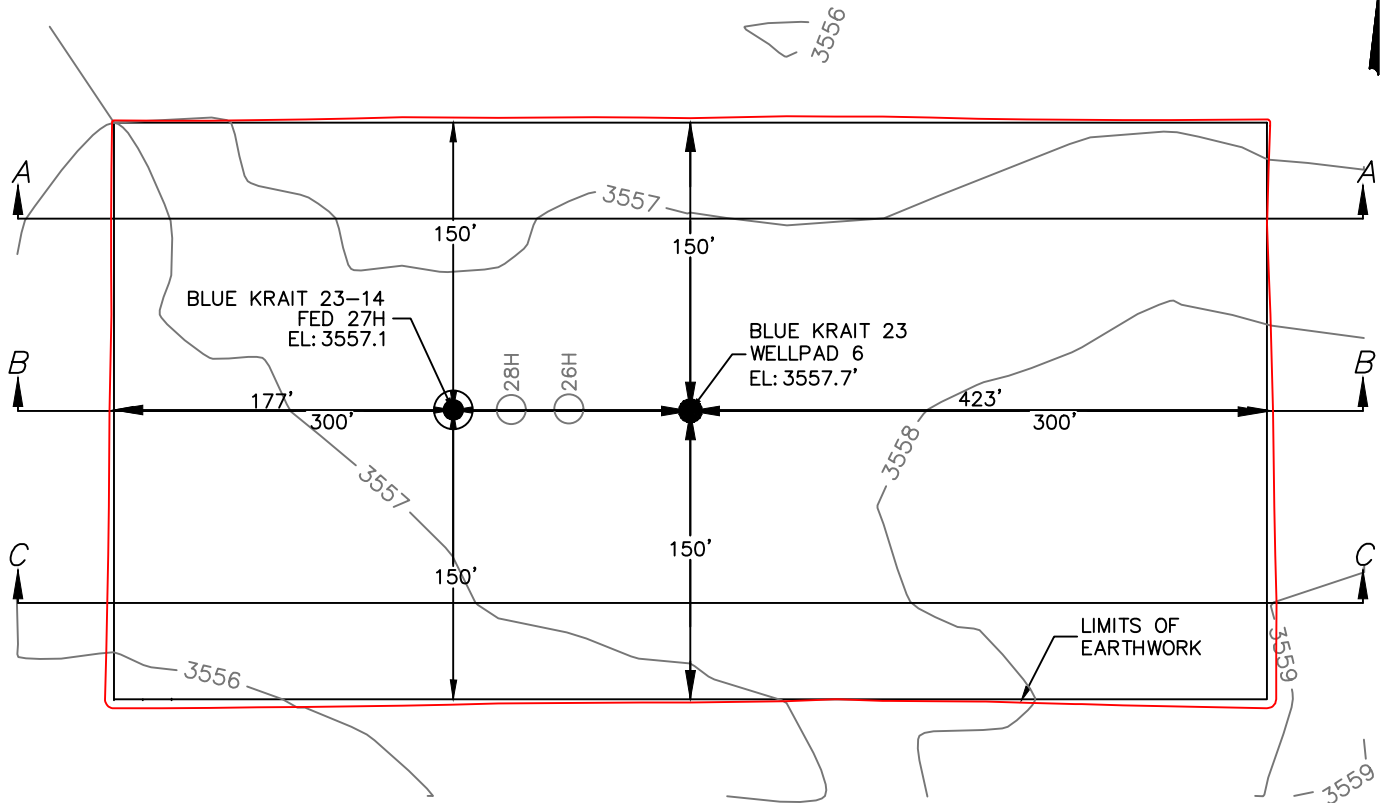
P.O. BOX 548, Dry Creek, La.

(903) 388-3045 70637

Employee of Horizon Row, LLC



SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
PLAN VIEW



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLUE KRAIT 23-14 FED 27H
LOCATED 248 FT. FROM THE SOUTH LINE
AND 2507 FT. FROM THE WEST LINE OF
SECTION 23, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



EARTHWORK QUANTITIES FOR
BLUE KRAIT 23 WELLPAD 6

CUT	FILL	NET
1,757 CY	1,764 CY	7 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

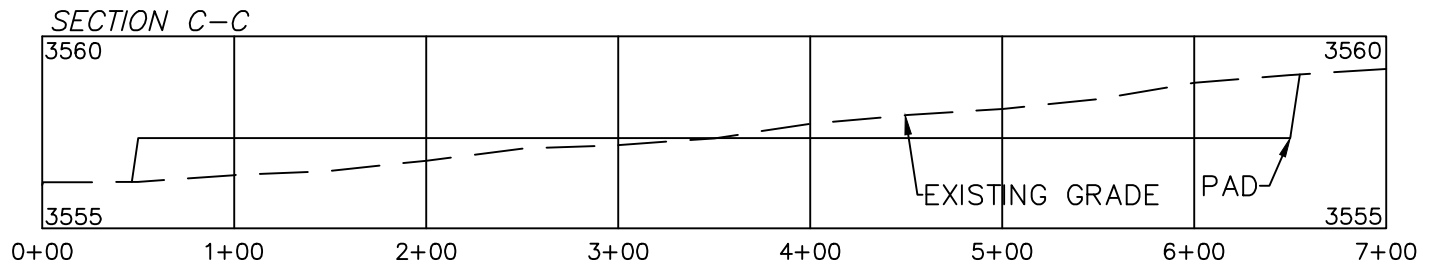
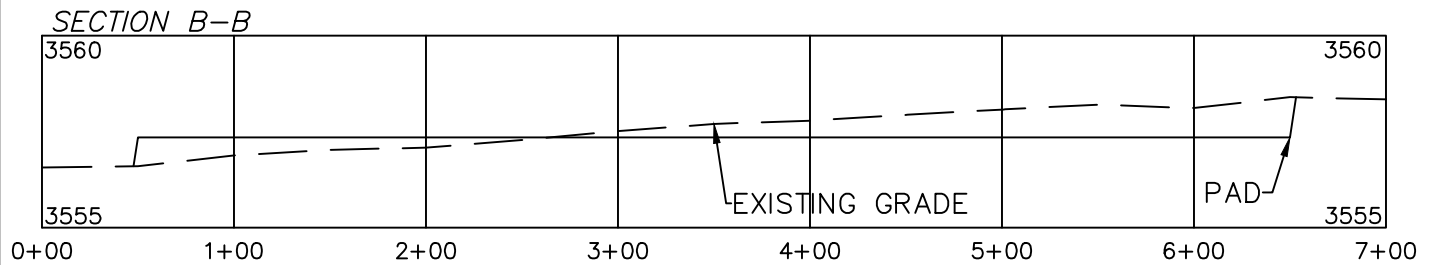
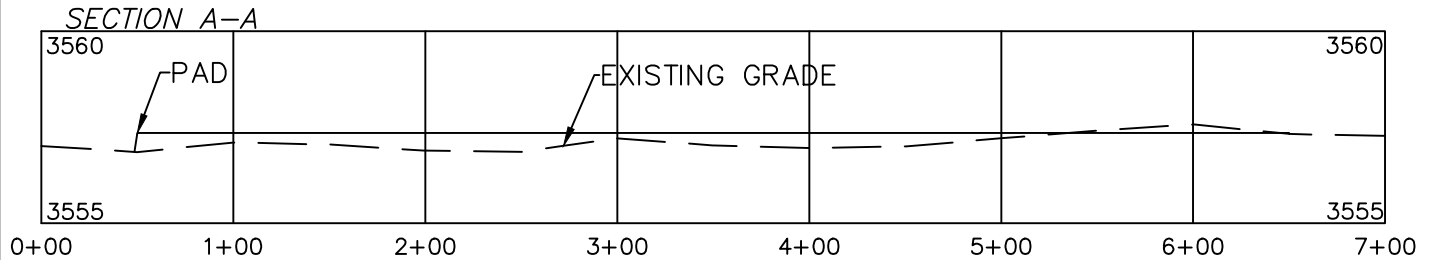
Drawn by:
CHRIS MAAS

Date: 11/29/2018
REV: 10/25/2021

Drawn for:



SECTION 23, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO CROSS SECTIONS



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLUE KRAIT 23-14 FED 27H
LOCATED 248 FT. FROM THE SOUTH LINE
AND 2507 FT. FROM THE WEST LINE OF
SECTION 23, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SCALE 1" = 100' HORIZONTAL
SCALE 1" = 5' VERTICAL

EARTHWORK QUANTITIES FOR BLUE KRAIT 23 WELLPAD 6

CUT	FILL	NET
1,757 CY	1,764 CY	7 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 11/29/2018
REV: 10/25/2021

Drawn for:



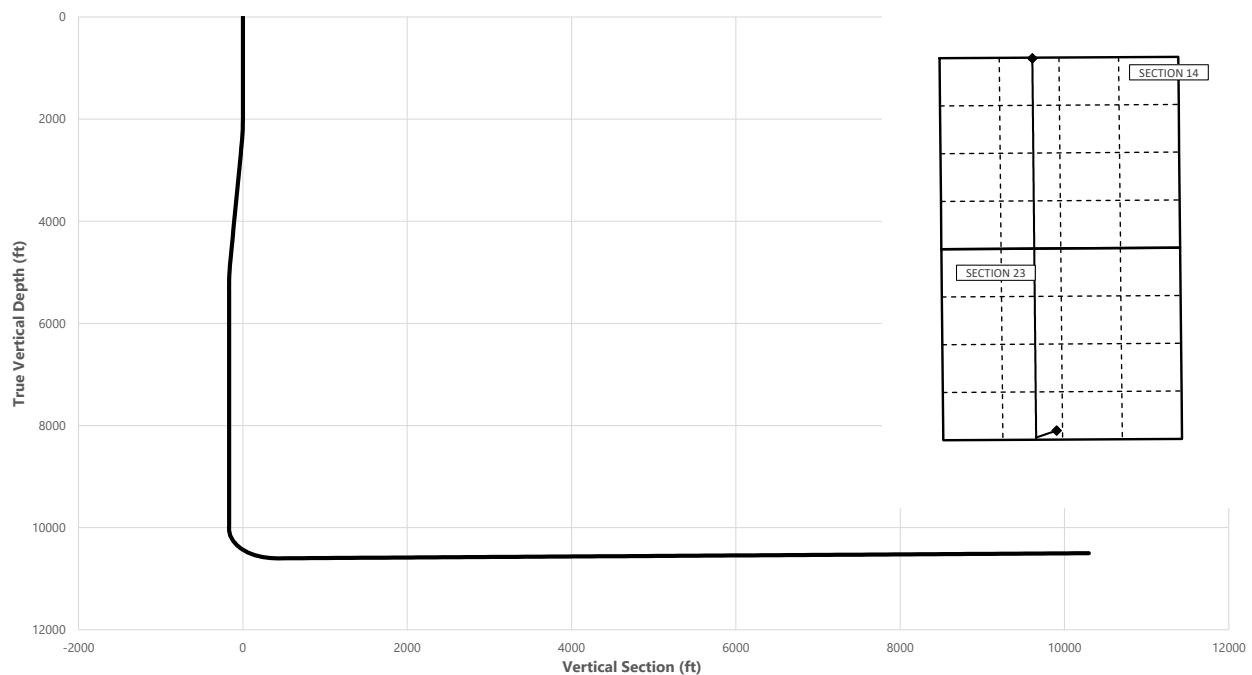
Blue Krait 23-14 Fed 27H



Well: Blue Krait 23-14 Fed 27H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	247.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	247.00	2497.47	-17.01	-40.06	-14.90	2.00	Hold Tangent
4829.15	10.00	247.00	4791.23	-175.04	-412.36	-153.31	0.00	Drop to Vertical
5329.15	0.00	247.00	5288.70	-192.04	-452.43	-168.21	2.00	Hold Vertical
10067.53	0.00	359.54	10027.07	-192.04	-452.43	-168.21	0.00	KOP
10973.32	90.58	359.54	10600.00	386.69	-457.07	409.98	10.00	Landing Point
20869.52	90.58	359.54	10500.00	10282.06	-536.52	10296.05	0.00	BHL

**Key Depths**

	MD (ft)	TVD (ft)
Rustler	1266.00	1266.00
Salt	1790.00	1790.00
Base of Salt	5264.45	5224.00
Delaware	5264.45	5224.00
Bone Spring 1st	9174.45	9134.00
Bone Spring 2nd / Point of Penetration	10481.56	10406.00
exit	20789.52	10500.82

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.1964	-103.5436	248' FSL, 2507' FWL of Sec 23 in T24S, R33E
10067.53	10027.07	32.1959	-103.5451	59' FSL, 2053' FWL of Sec 23 in T24S, R33E
10481.56	10406.00	32.1961	-103.5450	100' FSL, 2050' FWL of Sec 23 in T24S, R33E
20789.52	10500.82	32.2246	-103.5450	100' FNL, 2050' FWL of Sec 14 in T24S, R33E
20869.52	10500.00	32.2247	-103.5451	20' FNL, 2050' FWL of Sec 14 in T24S, R33E

Blue Krait 23-14 Fed 27H



Well: Blue Krait 23-14 Fed 27H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	247.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	247.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	247.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	247.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	247.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	247.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	247.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	247.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	247.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	247.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	247.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	247.00	1200.00	0.00	0.00	0.00	0.00	
1266.00	0.00	247.00	1266.00	0.00	0.00	0.00	0.00	Rustler
1300.00	0.00	247.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	247.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	247.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	247.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	247.00	1700.00	0.00	0.00	0.00	0.00	
1790.00	0.00	247.00	1790.00	0.00	0.00	0.00	0.00	Salt
1800.00	0.00	247.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	247.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	247.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	247.00	2099.98	-0.68	-1.61	-0.60	2.00	
2200.00	4.00	247.00	2199.84	-2.73	-6.42	-2.39	2.00	
2300.00	6.00	247.00	2299.45	-6.13	-14.45	-5.37	2.00	
2400.00	8.00	247.00	2398.70	-10.89	-25.66	-9.54	2.00	
2500.00	10.00	247.00	2497.47	-17.01	-40.06	-14.90	2.00	Hold Tangent
2600.00	10.00	247.00	2595.95	-23.79	-56.05	-20.84	0.00	
2700.00	10.00	247.00	2694.43	-30.58	-72.03	-26.78	0.00	
2800.00	10.00	247.00	2792.91	-37.36	-88.02	-32.72	0.00	
2900.00	10.00	247.00	2891.39	-44.15	-104.00	-38.67	0.00	
3000.00	10.00	247.00	2989.87	-50.93	-119.98	-44.61	0.00	
3100.00	10.00	247.00	3088.35	-57.72	-135.97	-50.55	0.00	
3200.00	10.00	247.00	3186.83	-64.50	-151.95	-56.49	0.00	
3300.00	10.00	247.00	3285.31	-71.29	-167.94	-62.44	0.00	
3400.00	10.00	247.00	3383.79	-78.07	-183.92	-68.38	0.00	
3500.00	10.00	247.00	3482.27	-84.86	-199.91	-74.32	0.00	
3600.00	10.00	247.00	3580.75	-91.64	-215.89	-80.27	0.00	
3700.00	10.00	247.00	3679.23	-98.43	-231.88	-86.21	0.00	
3800.00	10.00	247.00	3777.72	-105.21	-247.86	-92.15	0.00	
3900.00	10.00	247.00	3876.20	-112.00	-263.84	-98.09	0.00	
4000.00	10.00	247.00	3974.68	-118.78	-279.83	-104.04	0.00	
4100.00	10.00	247.00	4073.16	-125.57	-295.81	-109.98	0.00	
4200.00	10.00	247.00	4171.64	-132.35	-311.80	-115.92	0.00	
4300.00	10.00	247.00	4270.12	-139.14	-327.78	-121.87	0.00	
4400.00	10.00	247.00	4368.60	-145.92	-343.77	-127.81	0.00	
4500.00	10.00	247.00	4467.08	-152.71	-359.75	-133.75	0.00	
4600.00	10.00	247.00	4565.56	-159.49	-375.73	-139.69	0.00	
4700.00	10.00	247.00	4664.04	-166.28	-391.72	-145.64	0.00	
4800.00	10.00	247.00	4762.52	-173.06	-407.70	-151.58	0.00	
4829.15	10.00	247.00	4791.23	-175.04	-412.36	-153.31	0.00	Drop to Vertical
4900.00	8.58	247.00	4861.15	-179.51	-422.89	-157.23	2.00	
5000.00	6.58	247.00	4960.27	-184.66	-435.04	-161.74	2.00	
5100.00	4.58	247.00	5059.79	-188.46	-443.99	-165.07	2.00	
5200.00	2.58	247.00	5159.59	-190.91	-449.75	-167.21	2.00	
5264.45	1.29	247.00	5224.00	-191.76	-451.75	-167.96	2.00	Base of Salt, Delaware
5300.00	0.58	247.00	5259.55	-191.99	-452.29	-168.16	2.00	
5329.15	0.00	247.00	5288.70	-192.04	-452.43	-168.21	2.00	Hold Vertical
5400.00	0.00	359.54	5359.55	-192.04	-452.43	-168.21	0.00	
5500.00	0.00	359.54	5459.55	-192.04	-452.43	-168.21	0.00	
5600.00	0.00	359.54	5559.55	-192.04	-452.43	-168.21	0.00	
5700.00	0.00	359.54	5659.55	-192.04	-452.43	-168.21	0.00	
5800.00	0.00	359.54	5759.55	-192.04	-452.43	-168.21	0.00	
5900.00	0.00	359.54	5859.55	-192.04	-452.43	-168.21	0.00	
6000.00	0.00	359.54	5959.55	-192.04	-452.43	-168.21	0.00	
6100.00	0.00	359.54	6059.55	-192.04	-452.43	-168.21	0.00	
6200.00	0.00	359.54	6159.55	-192.04	-452.43	-168.21	0.00	
6300.00	0.00	359.54	6259.55	-192.04	-452.43	-168.21	0.00	
6400.00	0.00	359.54	6359.55	-192.04	-452.43	-168.21	0.00	

Blue Krait 23-14 Fed 27H



Well: Blue Krait 23-14 Fed 27H
 County: Lea
 Wellbore: Permit Plan
 Design: Permit Plan #1

Geodetic System: US State Plane 1983
 Datum: North American Datum 1927
 Ellipsoid: Clarke 1866
 Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6500.00	0.00	359.54	6459.55	-192.04	-452.43	-168.21	0.00	
6600.00	0.00	359.54	6559.55	-192.04	-452.43	-168.21	0.00	
6700.00	0.00	359.54	6659.55	-192.04	-452.43	-168.21	0.00	
6800.00	0.00	359.54	6759.55	-192.04	-452.43	-168.21	0.00	
6900.00	0.00	359.54	6859.55	-192.04	-452.43	-168.21	0.00	
7000.00	0.00	359.54	6959.55	-192.04	-452.43	-168.21	0.00	
7100.00	0.00	359.54	7059.55	-192.04	-452.43	-168.21	0.00	
7200.00	0.00	359.54	7159.55	-192.04	-452.43	-168.21	0.00	
7300.00	0.00	359.54	7259.55	-192.04	-452.43	-168.21	0.00	
7400.00	0.00	359.54	7359.55	-192.04	-452.43	-168.21	0.00	
7500.00	0.00	359.54	7459.55	-192.04	-452.43	-168.21	0.00	
7600.00	0.00	359.54	7559.55	-192.04	-452.43	-168.21	0.00	
7700.00	0.00	359.54	7659.55	-192.04	-452.43	-168.21	0.00	
7800.00	0.00	359.54	7759.55	-192.04	-452.43	-168.21	0.00	
7900.00	0.00	359.54	7859.55	-192.04	-452.43	-168.21	0.00	
8000.00	0.00	359.54	7959.55	-192.04	-452.43	-168.21	0.00	
8100.00	0.00	359.54	8059.55	-192.04	-452.43	-168.21	0.00	
8200.00	0.00	359.54	8159.55	-192.04	-452.43	-168.21	0.00	
8300.00	0.00	359.54	8259.55	-192.04	-452.43	-168.21	0.00	
8400.00	0.00	359.54	8359.55	-192.04	-452.43	-168.21	0.00	
8500.00	0.00	359.54	8459.55	-192.04	-452.43	-168.21	0.00	
8600.00	0.00	359.54	8559.55	-192.04	-452.43	-168.21	0.00	
8700.00	0.00	359.54	8659.55	-192.04	-452.43	-168.21	0.00	
8800.00	0.00	359.54	8759.55	-192.04	-452.43	-168.21	0.00	
8900.00	0.00	359.54	8859.55	-192.04	-452.43	-168.21	0.00	
9000.00	0.00	359.54	8959.55	-192.04	-452.43	-168.21	0.00	
9100.00	0.00	359.54	9059.55	-192.04	-452.43	-168.21	0.00	
9174.45	0.00	359.54	9134.00	-192.04	-452.43	-168.21	0.00	Bone Spring 1st
9200.00	0.00	359.54	9159.55	-192.04	-452.43	-168.21	0.00	
9300.00	0.00	359.54	9259.55	-192.04	-452.43	-168.21	0.00	
9400.00	0.00	359.54	9359.55	-192.04	-452.43	-168.21	0.00	
9500.00	0.00	359.54	9459.55	-192.04	-452.43	-168.21	0.00	
9600.00	0.00	359.54	9559.55	-192.04	-452.43	-168.21	0.00	
9700.00	0.00	359.54	9659.55	-192.04	-452.43	-168.21	0.00	
9800.00	0.00	359.54	9759.55	-192.04	-452.43	-168.21	0.00	
9900.00	0.00	359.54	9859.55	-192.04	-452.43	-168.21	0.00	
10000.00	0.00	359.54	9959.55	-192.04	-452.43	-168.21	0.00	
10067.53	0.00	359.54	10027.07	-192.04	-452.43	-168.21	0.00	KOP
10100.00	3.25	359.54	10059.53	-191.12	-452.43	-167.29	10.00	
10200.00	13.25	359.54	10158.37	-176.80	-452.55	-152.97	10.00	
10300.00	23.25	359.54	10253.22	-145.53	-452.80	-121.73	10.00	
10400.00	33.25	359.54	10341.20	-98.26	-453.18	-74.51	10.00	
10481.56	41.40	359.54	10406.00	-48.85	-453.58	-25.15	10.00	Bone Spring 2nd / Point of Penetration
10500.00	43.25	359.54	10419.63	-36.43	-453.68	-12.74	10.00	
10600.00	53.25	359.54	10486.14	38.07	-454.27	61.69	10.00	
10700.00	63.25	359.54	10538.70	122.99	-454.96	146.53	10.00	
10800.00	73.25	359.54	10575.71	215.75	-455.70	239.21	10.00	
10900.00	83.25	359.54	10596.06	313.53	-456.49	336.89	10.00	
10973.32	90.58	359.54	10600.00	386.69	-457.07	409.98	10.00	Landing Point
11000.00	90.58	359.54	10599.73	413.37	-457.29	436.64	0.00	
11100.00	90.58	359.54	10598.72	513.36	-458.09	536.53	0.00	
11200.00	90.58	359.54	10597.71	613.35	-458.89	636.43	0.00	
11300.00	90.58	359.54	10596.70	713.34	-459.70	736.33	0.00	
11400.00	90.58	359.54	10595.69	813.33	-460.50	836.23	0.00	
11500.00	90.58	359.54	10594.68	913.33	-461.30	936.12	0.00	
11600.00	90.58	359.54	10593.67	1013.32	-462.11	1036.02	0.00	
11700.00	90.58	359.54	10592.66	1113.31	-462.91	1135.92	0.00	
11800.00	90.58	359.54	10591.65	1213.30	-463.71	1235.82	0.00	
11900.00	90.58	359.54	10590.64	1313.29	-464.52	1335.72	0.00	
12000.00	90.58	359.54	10589.63	1413.28	-465.32	1435.61	0.00	
12100.00	90.58	359.54	10588.62	1513.28	-466.12	1535.51	0.00	
12200.00	90.58	359.54	10587.61	1613.27	-466.93	1635.41	0.00	
12300.00	90.58	359.54	10586.60	1713.26	-467.73	1735.31	0.00	
12400.00	90.58	359.54	10585.59	1813.25	-468.53	1835.20	0.00	
12500.00	90.58	359.54	10584.58	1913.24	-469.34	1935.10	0.00	
12600.00	90.58	359.54	10583.56	2013.23	-470.14	2035.00	0.00	
12700.00	90.58	359.54	10582.55	2113.23	-470.94	2134.90	0.00	
12800.00	90.58	359.54	10581.54	2213.22	-471.75	2234.79	0.00	
12900.00	90.58	359.54	10580.53	2313.21	-472.55	2334.69	0.00	
13000.00	90.58	359.54	10579.52	2413.20	-473.35	2434.59	0.00	

Blue Krait 23-14 Fed 27H



Well: Blue Krait 23-14 Fed 27H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
13100.00	90.58	359.54	10578.51	2513.19	-474.16	2534.49	0.00	
13200.00	90.58	359.54	10577.50	2613.18	-474.96	2634.38	0.00	
13300.00	90.58	359.54	10576.49	2713.18	-475.76	2734.28	0.00	
13400.00	90.58	359.54	10575.48	2813.17	-476.57	2834.18	0.00	
13500.00	90.58	359.54	10574.47	2913.16	-477.37	2934.08	0.00	
13600.00	90.58	359.54	10573.46	3013.15	-478.17	3033.98	0.00	
13700.00	90.58	359.54	10572.45	3113.14	-478.98	3133.87	0.00	
13800.00	90.58	359.54	10571.44	3213.13	-479.78	3233.77	0.00	
13900.00	90.58	359.54	10570.43	3313.13	-480.58	3333.67	0.00	
14000.00	90.58	359.54	10569.42	3413.12	-481.39	3433.57	0.00	
14100.00	90.58	359.54	10568.41	3513.11	-482.19	3533.46	0.00	
14200.00	90.58	359.54	10567.40	3613.10	-482.99	3633.36	0.00	
14300.00	90.58	359.54	10566.39	3713.09	-483.80	3733.26	0.00	
14400.00	90.58	359.54	10565.38	3813.08	-484.60	3833.16	0.00	
14500.00	90.58	359.54	10564.37	3913.08	-485.40	3933.05	0.00	
14600.00	90.58	359.54	10563.36	4013.07	-486.21	4032.95	0.00	
14700.00	90.58	359.54	10562.35	4113.06	-487.01	4132.85	0.00	
14800.00	90.58	359.54	10561.34	4213.05	-487.81	4232.75	0.00	
14900.00	90.58	359.54	10560.33	4313.04	-488.62	4332.65	0.00	
15000.00	90.58	359.54	10559.32	4413.03	-489.42	4432.54	0.00	
15100.00	90.58	359.54	10558.31	4513.03	-490.22	4532.44	0.00	
15200.00	90.58	359.54	10557.30	4613.02	-491.03	4632.34	0.00	
15300.00	90.58	359.54	10556.29	4713.01	-491.83	4732.24	0.00	
15400.00	90.58	359.54	10555.27	4813.00	-492.63	4832.13	0.00	
15500.00	90.58	359.54	10554.26	4912.99	-493.44	4932.03	0.00	
15600.00	90.58	359.54	10553.25	5012.98	-494.24	5031.93	0.00	
15700.00	90.58	359.54	10552.24	5112.98	-495.04	5131.83	0.00	
15800.00	90.58	359.54	10551.23	5212.97	-495.85	5231.72	0.00	
15900.00	90.58	359.54	10550.22	5312.96	-496.65	5331.62	0.00	
16000.00	90.58	359.54	10549.21	5412.95	-497.45	5431.52	0.00	
16100.00	90.58	359.54	10548.20	5512.94	-498.26	5531.42	0.00	
16200.00	90.58	359.54	10547.19	5612.93	-499.06	5631.32	0.00	
16300.00	90.58	359.54	10546.18	5712.93	-499.86	5731.21	0.00	
16400.00	90.58	359.54	10545.17	5812.92	-500.67	5831.11	0.00	
16500.00	90.58	359.54	10544.16	5912.91	-501.47	5931.01	0.00	
16600.00	90.58	359.54	10543.15	6012.90	-502.27	6030.91	0.00	
16700.00	90.58	359.54	10542.14	6112.89	-503.08	6130.80	0.00	
16800.00	90.58	359.54	10541.13	6212.88	-503.88	6230.70	0.00	
16900.00	90.58	359.54	10540.12	6312.88	-504.68	6330.60	0.00	
17000.00	90.58	359.54	10539.11	6412.87	-505.49	6430.50	0.00	
17100.00	90.58	359.54	10538.10	6512.86	-506.29	6530.39	0.00	
17200.00	90.58	359.54	10537.09	6612.85	-507.09	6630.29	0.00	
17300.00	90.58	359.54	10536.08	6712.84	-507.90	6730.19	0.00	
17400.00	90.58	359.54	10535.07	6812.83	-508.70	6830.09	0.00	
17500.00	90.58	359.54	10534.06	6912.83	-509.50	6929.98	0.00	
17600.00	90.58	359.54	10533.05	7012.82	-510.31	7029.88	0.00	
17700.00	90.58	359.54	10532.04	7112.81	-511.11	7129.78	0.00	
17800.00	90.58	359.54	10531.03	7212.80	-511.91	7229.68	0.00	
17900.00	90.58	359.54	10530.02	7312.79	-512.72	7329.58	0.00	
18000.00	90.58	359.54	10529.01	7412.78	-513.52	7429.47	0.00	
18100.00	90.58	359.54	10528.00	7512.78	-514.32	7529.37	0.00	
18200.00	90.58	359.54	10526.98	7612.77	-515.13	7629.27	0.00	
18300.00	90.58	359.54	10525.97	7712.76	-515.93	7729.17	0.00	
18400.00	90.58	359.54	10524.96	7812.75	-516.73	7829.06	0.00	
18500.00	90.58	359.54	10523.95	7912.74	-517.54	7928.96	0.00	
18600.00	90.58	359.54	10522.94	8012.73	-518.34	8028.86	0.00	
18700.00	90.58	359.54	10521.93	8112.73	-519.14	8128.76	0.00	
18800.00	90.58	359.54	10520.92	8212.72	-519.95	8228.65	0.00	
18900.00	90.58	359.54	10519.91	8312.71	-520.75	8328.55	0.00	
19000.00	90.58	359.54	10518.90	8412.70	-521.55	8428.45	0.00	
19100.00	90.58	359.54	10517.89	8512.69	-522.36	8528.35	0.00	
19200.00	90.58	359.54	10516.88	8612.68	-523.16	8628.25	0.00	
19300.00	90.58	359.54	10515.87	8712.68	-523.96	8728.14	0.00	
19400.00	90.58	359.54	10514.86	8812.67	-524.77	8828.04	0.00	
19500.00	90.58	359.54	10513.85	8912.66	-525.57	8927.94	0.00	
19600.00	90.58	359.54	10512.84	9012.65	-526.37	9027.84	0.00	
19700.00	90.58	359.54	10511.83	9112.64	-527.18	9127.73	0.00	
19800.00	90.58	359.54	10510.82	9212.63	-527.98	9227.63	0.00	
19900.00	90.58	359.54	10509.81	9312.63	-528.78	9327.53	0.00	
20000.00	90.58	359.54	10508.80	9412.62	-529.59	9427.43	0.00	

Blue Krait 23-14 Fed 27H



Well: Blue Krait 23-14 Fed 27H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
20100.00	90.58	359.54	10507.79	9512.61	-530.39	9527.32	0.00	
20200.00	90.58	359.54	10506.78	9612.60	-531.19	9627.22	0.00	
20300.00	90.58	359.54	10505.77	9712.59	-532.00	9727.12	0.00	
20400.00	90.58	359.54	10504.76	9812.58	-532.80	9827.02	0.00	
20500.00	90.58	359.54	10503.75	9912.58	-533.60	9926.92	0.00	
20600.00	90.58	359.54	10502.74	10012.57	-534.41	10026.81	0.00	
20700.00	90.58	359.54	10501.73	10112.56	-535.21	10126.71	0.00	
20789.52	90.58	359.54	10500.82	10202.07	-535.93	10216.13	0.00	exit
20800.00	90.58	359.54	10500.72	10212.55	-536.01	10226.61	0.00	
20869.52	90.58	359.54	10500.00	10282.06	-536.52	10296.05	0.00	BHL

Blue Krait 23-14 Fed 27H

Well: Blue Krait 23-14 Fed 27H

County: Lea

Wellbore: Permit Plan

Design: Permit Plan #1

Geodetic System: US State Plane 1983

Datum: North American Datum 1927

Ellipsoid: Clarke 1866

Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

Blue Krait 23-14 Fed 27H

1. Geologic Formations

TVD of target	10501	Pilot hole depth	N/A
MD at TD:	20870	Deepest expected fresh water	

Basin

[illegible]

*H₂S, water flows, loss of circulation, abnormal pressures, etc.

Blue Krait 23-14 Fed 27H

2. Casing Program

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	BTC	0	1291	0	1291
12 1/4	9 5/8	40	J-55	BTC	0	5324	0	5324
8 3/4	5 1/2	17	P110	BTC	0	20870	0	10501

- All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

Blue Krait 23-14 Fed 27H

3. Cementing Program (3-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft ³ /sack)	Slurry Description
Surface	973	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	589	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	9.0	3.3	Squeeze Lead: Class C Cement + additives
	589	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Production	447	500' tieback	9.0	3.3	Lead: Class H / C + additives
	2084	KOP	13.2	1.4	Tail: Class H / C + additives

If a DV tool is ran the depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. Slurry weights will be adjusted based on estimated fracture gradient of the formation. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. If cement is not returned to surface during the primary cement job on the surface casing string, a planned top job will be conducted immediately after completion of the primary job.

Casing String	% Excess
Surface	50%
Intermediate	30%
Production	10%

Blue Krait 23-14 Fed 27H

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-58"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
Production	13-5/8"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
			Annular (5M)		
			Blind Ram		
			Pipe Ram		
			Double Ram		
			Other*		

Blue Krait 23-14 Fed 27H

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	Brine	10-10.5
Production	WBM	8.5-9

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
---	-----------------------------

6. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	
	Density	
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	4914
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H₂S) monitors will be installed prior to drilling out the surface shoe. If H₂S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H ₂ S is present
Y	H ₂ S plan attached.

Blue Krait 23-14 Fed 27H

8. Other facets of operation

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
 - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pad.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. At that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
 - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan
 Other, describe

District I

1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 67992

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 67992
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	12/21/2021